

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	13	(keiji AND ishino).in.	US-PGPUB; USPAT	OR	OFF	2011/12/02 09:51
S2	27	(takafumi AND kondou).in.	US-PGPUB; USPAT	OR	OFF	2011/12/02 09:54
S3	1	("20030143056").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 09:55
S4	20	(("2393606") or ("2448351") or ("2632355") or ("4448565") or ("5735021") or ("4367995") or ("2400142") or ("3016941") or ("4761105") or ("1944513") or ("1996128") or ("3412593")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 09:57
S5	158	("1613921"   "1758907"   "1758908"   "1810749"   "1856508"   "1944513"   "2264747"   "2344717"   "2393606"   "2398532"   "2400142"   "2632355"   "2883012"   "3015140"   "3053046"   "3162086"   "3182544"   "3345899"   "3385158"   "3414304"   "3430408"   "3438302"   "3499183"   "3613497"   "3747657"   "3918130"   "3937122"   "3939529"   "4202243"   "4238165"   "4726092"   "4986028"   "5392494"   "5491930"   "Re32846").PN. OR ("1944513"   "2003/0143056"   "2393606"   "2400142"   "2448351"   "2632355"   "3016941"   "3412593"   "4367995"   "4448565"   "4761105"   "5735021").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 10:36
S6	29	("0248164"   "2649884"   "2788047"   "2956605"   "3449799"   "3572751"   "3756116"   "3865006"   "4033223"   "4263833"   "4367995"   "4478545"   "4579492"   "4600344"   "4648766"   "4756654"   "4948314"   "4978265"   "5409323"   "5707097"   "6186695"   "6332289"   "6514023"   "6712571").PN. OR ("7993084").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 10:38
S7	48	("1674258"   "1809758"   "2076041"   "2275315"   "2779376"   "3016941"   "3286579"   "3315720"   "4193434").PN. OR ("4238165").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 10:47
S8	2	(("20040120124") or ("6490165")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 11:30
S9	11	((("6490165") or ("6101089") or ("6585534") or ("6468114") or ("6017176") or ("6280202"))	US-PGPUB;	OR	OFF	2011/12/02 11:40

		or ("5963432") or ("6473305") or ("6366465") or ("6307752") or ("6995982")).PN.	USPAT; USOCR			
S10	5	("4270820"   "4760495"   "5285353").PN. OR ("6366465").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 11:48
S11	674	411/437	US-PGPUB; USPAT	OR	OFF	2011/12/02 11:52
S12	43	("0986510"   "1872166"   "2148977"   "2389278"   "2409352"   "2461397"   "2484644"   "2487296"   "2562032"   "2670021"   "2762252"   "2833326"   "3174387"   "3255797"   "3365999"   "3385156"   "3438417"   "3937122"   "4571136"   "Re27678").PN. OR ("4762450").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 13:08
S13	23	("1229911"   "1931649"   "3350975"   "3859570"   "4266267"   "4321423"   "4446504"   "4460917").PN. OR ("4652971").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 13:14
S14	7	("4321423"   "4446504"   "4546408"   "4652971"   "5901039"   "6095701").PN. OR ("7023702").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 13:15
S15	23	("2298568"   "2397216"   "2409702"   "2445978"   "3282317"   "3304830"   "3824675"   "3985172"   "3987830"   "4202750").PN. OR ("4557651").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 13:22
S16	11	("1513637"   "2318950"   "3481026"   "4557651"   "4924584"   "4974274"   "5251370"   "5335411").PN. OR ("7681298").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 13:25
S17	262	(411/301).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 13:36
S19	93	(rivet AND (screw OR bolt OR fastener OR connect\$)).ti.	US-PGPUB; USPAT	OR	OFF	2011/12/02 13:46
S20	1	("2003/0185645").URPN.	USPAT	OR	OFF	2011/12/02 13:59
S21	13	("20030185645"   "2743518"   "3021537"   "4911592"   "5503596"   "5618144"   "5863164"   "5993320"   "6095738"   "6139237"   "6511274").PN. OR ("6997814").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 14:00
S22	98	(411/57.1).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 14:38
S23	564	(411/55).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 14:42
S24	20	("1150114"   "2774098"   "2957196"   "3029912"   "3279304"   "3459447"   "3693247"   "3702088"   "3820297"   "4447944"   "4907925"   "5651172").PN. OR	US-PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 14:46

		("6918724").URPN.				
S25	21	("1700354"   "3411397"   "3596948"   "3832931"   "4270328"   "4281783"   "4497093"   "4717195"   "4976578"   "5193643").PN. OR ("5496006").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 15:13
S26	1620	(rivet).ti.	US- PGPUB; USPAT	OR	OFF	2011/12/02 15:41
S27	5	("2004/0162151").URPN.	USPAT	OR	OFF	2011/12/02 16:39
S28	32	("1365719"   "20020119024"   "20050019129"   "20050095078"   "2030166"   "2324142"   "2887926"   "3136203"   "3304830"   "3916970"   "4585383"   "4635310"   "4784551"   "4826372"   "4869629"   "4900205"   "5141373"   "5178502"   "5252013"   "5256017"   "5259713"   "5403135"   "5645383"   "5810530"   "5919016"   "6761520").PN. OR ("7223056").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 17:44
S29	35	("2255650"   "2324142"   "3136203"   "3174387"   "3215026"   "3236143"   "3322449"   "3369442"   "3657955"   "3948142"   "4312613"   "4439078"   "4712958"   "4826372"   "4999896"   "5248231"   "5332349"   "5680690"   "5846039"   "5893684"   "6042313"   "6045309"   "6254325").PN. OR ("6761520").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 17:45
S30	18	("2148977"   "2188422"   "2392133"   "2887926").PN. OR ("5403135").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 18:17
S31	155	("1979686"   "1996128"   "20010005475"   "20030082025"   "20040022597"   "20040071525"   "20040247414"   "20050100423"   "20050214094"   "20060251490"   "20070154277"   "2146461"   "2183543"   "2328023"   "2366965"   "2371423"   "2371452"   "2384321"   "2546602"   "2774098"   "2885798"   "3047181"   "3055255"   "3144158"   "3148578"   "3390601"   "3424051"   "3438301"   "3459447"   "3460429"   "3491649"   "3750518"   "3835688"   "3837208"   "3915055"   "3922586"   "3949535"   "3975786"   "4003288"   "4044591"   "4137817"   "4164807"   "4236429"   "4261245"   "4388031"   "4407619"   "4447944"   "4466048"   "4473914"   "4497603"   "4507706"   "4541032"   "4541761"   "4585382"   "4620825"   "4659271"   "4702655"   "4736560"   "4765010"   "4781501"   "4836728"   "4858067"   "4863325"   "4893390"   "4897003"   "4904133"   "4909687"   "4929137"   "4958971"   "4969785"   "5006024"   "5035129"   "5044850"   "5054977"   "5167585"   "5252013"   "5259713"   "5299667"   "5320465"   "5333980"   "5359765"   "5378098"   "5403135"   "5443344"	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 18:17

		"5476350"   "5496140"   "5503510" "5551817"   "5569006"   "5645383" "5651172"   "5658107"   "5689873" "5741099"   "5743691"   "5759001" "5881989"   "5889648"   "5890693" "5915901"   "5960667"   "5982610" "6004086"   "6007287"   "6042313" "6081984"   "6171038"   "6224310" "6254324"   "6276050"   "6299398" "6389676"   "6398472"   "6418599" "6428255"   "6443322"   "6445568" "6461213"   "6484370"   "6502008" "6553622"   "6637995").PN. OR ("6746192"   "6751841"   "6754066"   "6826820" "6854940"   "6877204"   "6881898" "6898918"   "6905296"   "RE38664" "RE39582").PN. OR ("7937821").URPN.				
S32	32	("1365719"   "20020119024"   "20050019129"   "20050095078"   "2030166"   "2324142"   "2887926"   "3136203"   "3304830"   "3916970"   "4585383"   "4635310"   "4784551"   "4826372"   "4869629"   "4900205"   "5141373"   "5178502"   "5252013"   "5256017"   "5259713"   "5403135"   "5645383"   "5810530"   "5919016"   "6761520").PN. OR ("7223056").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 18:26
S33	60	("3136350"   "3200694"   "3358551"   "3385157"   "3505921"   "3662644"   "3803973"   "4070945"   "4082030").PN. OR ("4263833").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 18:51
S34	52	("3411397"   "4082030"   "4174008"   "4263833"   "4311421"   "4367995"   "4391559"   "4435111"   "4460298").PN. OR ("4610587").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 18:54
S35	42	("1229562"   "3116528"   "3147525"   "3417438"   "4263833").PN. OR ("4391559").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 18:57
S36	25	("4311421"   "4367995"   "4391559"   "4478545"   "4610587").PN. OR ("4878791").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 19:03
S37	9	("3358551").URPN.	USPAT	OR	OFF	2011/12/02 19:19
S38	28	("1926925"   "2059853"   "2396661"   "2955505"   "3290982"   "3560124"   "3587701"   "3915053"   "4054045").PN. OR ("4254809").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 19:25
S39	37	("0633537"   "0990581"   "1385799"   "1798468"   "2321379"   "2348589"   "2393564"   "2535079"   "2594840"   "2829696"   "2914106"   "3193921"   "3322449"   "3463046"   "3505921").PN. OR ("3842710").URPN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 19:31
S40	9	("3451303").URPN.	USPAT	OR	OFF	2011/12/02 19:45
S41	16	("2763314").URPN.	USPAT	OR	OFF	2011/12/02 19:52
S42	4	("2612073").URPN.	USPAT	OR	OFF	2011/12/02

## EAST Search History

							19:55
S43	531	(411/501).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 20:06	
S44	141	(411/502).CCLS.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/02 20:12	
S45	1	("4924533").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/05 17:34	
S46	2	("2406157").PN.	US- PGPUB; USPAT; USOCR	OR	OFF	2011/12/05 18:11	

**12/ 5/ 2011 6:41:26 PM****C:\ Users\ Jcline\ Documents\ EAST\ Workspaces\ 10580228.wsp**